

Case 1897

CITIES SERVICE OIL COMPANY
SEGRATION TESTS
STATE P-3, BLINEBRY & PADDOCK POOLS
LEA COUNTY, NEW MEXICO

Date 1959	Time (Mins.)	B L I N E B R Y				P A D D O C K			
		Pressure Lower Zone	Pressure Upper Zone	Gravity (API)	BS&W (%)	Pressure Upper Zone	Pressure Lower Zone	Gravity (API)	BS&W (%)
4-6	0	400	40	37.5	.2	420	20	35.8	.2
	10	420	55			420	50		
	20	435	80			420	65		
	30	455	95			420	80		
5-6	0	364	60	38.5	.2	395	60	32.3	13.0
	10	364	95			395	140		
	20	369	115			395	180		
	30	382	130			395	190		
6-8	0	364	40	36.1	.2	398	50	32.3	17.0
	10	379	130			398	130		
	20	390	155			398	130		
	30	401	165			398	130		
7-7	0	350	25	36.2	11.0	350	50	32.5	15.0
	10	350	200			350	120		
	20	370	215			350	150		
	30	380	225			350	180		
8-13	0	355	32	38.4	10.0	395	25	32.9	13.0
	10	365	195			395	33		
	20	370	205			395	40		
	30	380	210			395	50		
9-14	0	354	30	38.2	8.0	380	42	36.6	20.0
	10	368	45			390	62		
	20	376	60			390	65		
	30	386	75			390	68		
10-6	0	360	25	36.4	11.0	374	25	32.5	17.0
	10	368	85			374	43		
	20	373	120			374	58		
	30	373	125			374	68		
11-16	0	355	25	38.1	13.0	368	25	33.4	19.0
	10	363	75			371	47		
	20	372	110			371	61		
	30	378	125			371	65		
12-10	0	350	25	38.0	.2	350	20	34.3	95.0
	10	360	15			80	50		
	20	370	10			20	60		
	30	380	0			0	80		

New Equipment Installed 1-22-59

1-25	0	200				400			
	10	210				400			
	20	230				400			
	30	250				400			
2-9	0	350	20	38.2	.2	375	20	36.0	40.0
	10	350	30			375	40		
	20	350	40			375	50		
	30	350	50			375	60		

*Cities Service
At no 1*

Cave
1897

CITIES SERVICE OIL COMPANY
PADDOCK AND BLINEBRY PRODUCTION

STATE P NO. 3

<u>Month</u>	<u>P A D D O C K</u>			<u>B L I N E B R Y</u>		
	<u>Oil-Bbls.</u>	<u>Water-Bbls.</u>	<u>Gas-MCF</u>	<u>Oil-Bbls.</u>	<u>Water-Bbls.</u>	<u>Gas-MCF</u>
<u>1958</u>						
December *	1353	71	733			
<u>1959</u>						
January *	1362	151	535			
February *	525	58	206			
March *	456	51	317			
April	1697	189	667	672	190	1689
May	1382	154	644	562	69	1388
June	1041	116	623	333	41	1124
July	1262	443	644	437	54	1024
August	1222	429	644	435	54	1291
September	1038	365	623	451	56	1515
October	1203	423	644	512	288	3000
November	780	274	623	470	264	943
December	17	6	574	821	462	662
<u>1960</u>						
January	<u>135</u>	<u>47</u>	<u>51</u>	<u>410</u>	<u>0</u>	<u>198</u>
	13473	2777	7528	5103	1478	12834

* Single Completion

Cities Service
Ex no 2